

Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa) Positive Temperature Coefficient (PTC) Thermistors Market 2018, Forecast to 2023

<https://marketpublishers.com/r/GBEF945D619EN.html>

Date: June 2018

Pages: 150

Price: US\$ 4,880.00 (Single User License)

ID: GBEF945D619EN

Abstracts

PTC stands for Positive Temperature Coefficient. PTC thermistors are resistors with a positive temperature coefficient, which means that the resistance increases with increasing temperature.

Ceramic PTC (CPTC) and Polymer PTC (PPTC) are two types based on production technology, and both are covered by data in this report.

SCOPE OF THE REPORT:

This report focuses on the Positive Temperature Coefficient (PTC) Thermistors in global market, especially in North America, Europe and Asia-Pacific, South America, Middle East and Africa. This report categorizes the market based on manufacturers, regions, type and application.

At present, in the industrial developed countries of this industry are generally at a more advanced level, like USA, Japan and countries in EU, where the world's large enterprises are mainly headquartered. In these countries, with more mature equipment and strong R & D capability, the technical level is in a leading position. But production bases are moving to developing countries like China because cost advantages. Although this market has shown a lot of opportunities, the research group still recommends that for the new entrants with only advantage in capital without sufficient support in technology and downstream channels not taking risk to enter this market.

The worldwide market for Positive Temperature Coefficient (PTC) Thermistors is expected to grow at a CAGR of roughly 6.4% over the next five years, will reach 1020

million US\$ in 2023, from 700 million US\$ in 2017, according to a new GIR (Global Info Research) study.

Market Segment by Manufacturers, this report covers

TE

Polytronics

CYG Wayon

Littelfuse

Bourns

Fuzetec

Sea & Land

Keter

Hollyland

TDK (EPCOS)

VISHAY

Amphenol (GE SENSING)

Jinke

MURATA

Thinking

Uppermost

HIEL

HGTECH

Hansor

Market Segment by Regions, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, UK, Russia and Italy)

Asia-Pacific (China, Japan, Korea, India and Southeast Asia)

South America (Brazil, Argentina, Colombia etc.)

Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa)

Market Segment by Type, covers

Ceramic PTC (Barium Titanate)

Polymer PTC (Carbon Doped Polymer)

Market Segment by Applications, can be divided into

Computers/Peripherals

Telecom/Datacom Infrastructure

Consumer A/V Equipment

Rechargeable Battery

Medical Electronics

Automotive Electronics

Power Supplies/DC Converters

Lighting/Ballasts

Home Appliance

Other Line Voltage

There are 15 Chapters to deeply display the global Positive Temperature Coefficient (PTC) Thermistors market.

Chapter 1, to describe Positive Temperature Coefficient (PTC) Thermistors Introduction, product scope, market overview, market opportunities, market risk, market driving force;

Chapter 2, to analyze the top manufacturers of Positive Temperature Coefficient (PTC) Thermistors, with sales, revenue, and price of Positive Temperature Coefficient (PTC) Thermistors, in 2016 and 2017;

Chapter 3, to display the competitive situation among the top manufacturers, with sales, revenue and market share in 2016 and 2017;

Chapter 4, to show the global market by regions, with sales, revenue and market share of Positive Temperature Coefficient (PTC) Thermistors, for each region, from 2013 to 2018;

Chapter 5, 6, 7, 8 and 9, to analyze the market by countries, by type, by application and by manufacturers, with sales, revenue and market share by key countries in these regions;

Chapter 10 and 11, to show the market by type and application, with sales market share and growth rate by type, application, from 2013 to 2018;

Chapter 12, Positive Temperature Coefficient (PTC) Thermistors market forecast, by regions, type and application, with sales and revenue, from 2018 to 2023;

Chapter 13, 14 and 15, to describe Positive Temperature Coefficient (PTC) Thermistors sales channel, distributors, traders, dealers, Research Findings and Conclusion, appendix and data source

Contents

1 MARKET OVERVIEW

1.1 Positive Temperature Coefficient (PTC) Thermistors Introduction

1.2 Market Analysis by Type

1.2.1 Ceramic PTC (Barium Titanate)

1.2.2 Polymer PTC (Carbon Doped Polymer)

1.3 Market Analysis by Applications

1.3.1 Computers/Peripherals

1.3.2 Telecom/Datacom Infrastructure

1.3.3 Consumer A/V Equipment

1.3.4 Rechargeable Battery

1.3.5 Medical Electronics

1.3.6 Automotive Electronics

1.3.7 Power Supplies/DC Converters

1.3.8 Lighting/Ballasts

1.3.9 Home Appliance

1.3.10 Other Line Voltage

1.4 Market Analysis by Regions

1.4.1 North America (United States, Canada and Mexico)

1.4.1.1 United States Market States and Outlook (2013-2023)

1.4.1.2 Canada Market States and Outlook (2013-2023)

1.4.1.3 Mexico Market States and Outlook (2013-2023)

1.4.2 Europe (Germany, France, UK, Russia and Italy)

1.4.2.1 Germany Market States and Outlook (2013-2023)

1.4.2.2 France Market States and Outlook (2013-2023)

1.4.2.3 UK Market States and Outlook (2013-2023)

1.4.2.4 Russia Market States and Outlook (2013-2023)

1.4.2.5 Italy Market States and Outlook (2013-2023)

1.4.3 Asia-Pacific (China, Japan, Korea, India and Southeast Asia)

1.4.3.1 China Market States and Outlook (2013-2023)

1.4.3.2 Japan Market States and Outlook (2013-2023)

1.4.3.3 Korea Market States and Outlook (2013-2023)

1.4.3.4 India Market States and Outlook (2013-2023)

1.4.3.5 Southeast Asia Market States and Outlook (2013-2023)

1.4.4 South America, Middle East and Africa

1.4.4.1 Brazil Market States and Outlook (2013-2023)

1.4.4.2 Egypt Market States and Outlook (2013-2023)

1.4.4.3 Saudi Arabia Market States and Outlook (2013-2023)

1.4.4.4 South Africa Market States and Outlook (2013-2023)

1.4.4.5 Nigeria Market States and Outlook (2013-2023)

1.5 Market Dynamics

1.5.1 Market Opportunities

1.5.2 Market Risk

1.5.3 Market Driving Force

2 MANUFACTURERS PROFILES

2.1 TE

2.1.1 Business Overview

2.1.1.1 TE Description

2.1.1.2 TE Headquarter, Main Business and Finance Overview

2.1.2 TE Positive Temperature Coefficient (PTC) Thermistors Product Introduction

2.1.2.1 Positive Temperature Coefficient (PTC) Thermistors Production Bases, Sales Regions and Major Competitors

2.1.2.2 Positive Temperature Coefficient (PTC) Thermistors Product Information

2.1.3 TE Positive Temperature Coefficient (PTC) Thermistors Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.1.3.1 TE Positive Temperature Coefficient (PTC) Thermistors Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.1.3.2 Global TE Positive Temperature Coefficient (PTC) Thermistors Market Share in 2017

2.2 Polytronics

2.2.1 Business Overview

2.2.1.1 Polytronics Description

2.2.1.2 Polytronics Headquarter, Main Business and Finance Overview

2.2.2 Polytronics Positive Temperature Coefficient (PTC) Thermistors Product Introduction

2.2.2.1 Positive Temperature Coefficient (PTC) Thermistors Production Bases, Sales Regions and Major Competitors

2.2.2.2 Positive Temperature Coefficient (PTC) Thermistors Product Information

2.2.3 Polytronics Positive Temperature Coefficient (PTC) Thermistors Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.2.3.1 Polytronics Positive Temperature Coefficient (PTC) Thermistors Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.2.3.2 Global Polytronics Positive Temperature Coefficient (PTC) Thermistors Market Share in 2017

2.3 CYG Wayon

2.3.1 Business Overview

2.3.1.1 CYG Wayon Description

2.3.1.2 CYG Wayon Headquarter, Main Business and Finance Overview

2.3.2 CYG Wayon Positive Temperature Coefficient (PTC) Thermistors Product

Introduction

2.3.2.1 Positive Temperature Coefficient (PTC) Thermistors Production Bases, Sales Regions and Major Competitors

2.3.2.2 Positive Temperature Coefficient (PTC) Thermistors Product Information

2.3.3 CYG Wayon Positive Temperature Coefficient (PTC) Thermistors Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.3.3.1 CYG Wayon Positive Temperature Coefficient (PTC) Thermistors Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.3.3.2 Global CYG Wayon Positive Temperature Coefficient (PTC) Thermistors Market Share in 2017

2.4 Littelfuse

2.4.1 Business Overview

2.4.1.1 Littelfuse Description

2.4.1.2 Littelfuse Headquarter, Main Business and Finance Overview

2.4.2 Littelfuse Positive Temperature Coefficient (PTC) Thermistors Product

Introduction

2.4.2.1 Positive Temperature Coefficient (PTC) Thermistors Production Bases, Sales Regions and Major Competitors

2.4.2.2 Positive Temperature Coefficient (PTC) Thermistors Product Information

2.4.3 Littelfuse Positive Temperature Coefficient (PTC) Thermistors Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.4.3.1 Littelfuse Positive Temperature Coefficient (PTC) Thermistors Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.4.3.2 Global Littelfuse Positive Temperature Coefficient (PTC) Thermistors Market Share in 2017

2.5 Bourns

2.5.1 Business Overview

2.5.1.1 Bourns Description

2.5.1.2 Bourns Headquarter, Main Business and Finance Overview

2.5.2 Bourns Positive Temperature Coefficient (PTC) Thermistors Product Introduction

2.5.2.1 Positive Temperature Coefficient (PTC) Thermistors Production Bases, Sales Regions and Major Competitors

2.5.2.2 Positive Temperature Coefficient (PTC) Thermistors Product Information

2.5.3 Bourns Positive Temperature Coefficient (PTC) Thermistors Sales, Price,

Revenue, Gross Margin and Market Share (2016-2017)

2.5.3.1 Bourns Positive Temperature Coefficient (PTC) Thermistors Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.5.3.2 Global Bourns Positive Temperature Coefficient (PTC) Thermistors Market Share in 2017

2.6 Fuzetec

2.6.1 Business Overview

2.6.1.1 Fuzetec Description

2.6.1.2 Fuzetec Headquarter, Main Business and Finance Overview

2.6.2 Fuzetec Positive Temperature Coefficient (PTC) Thermistors Product

Introduction

2.6.2.1 Positive Temperature Coefficient (PTC) Thermistors Production Bases, Sales Regions and Major Competitors

2.6.2.2 Positive Temperature Coefficient (PTC) Thermistors Product Information

2.6.3 Fuzetec Positive Temperature Coefficient (PTC) Thermistors Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.6.3.1 Fuzetec Positive Temperature Coefficient (PTC) Thermistors Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.6.3.2 Global Fuzetec Positive Temperature Coefficient (PTC) Thermistors Market Share in 2017

2.7 Sea & Land

2.7.1 Business Overview

2.7.1.1 Sea & Land Description

2.7.1.2 Sea & Land Headquarter, Main Business and Finance Overview

2.7.2 Sea & Land Positive Temperature Coefficient (PTC) Thermistors Product

Introduction

2.7.2.1 Positive Temperature Coefficient (PTC) Thermistors Production Bases, Sales Regions and Major Competitors

2.7.2.2 Positive Temperature Coefficient (PTC) Thermistors Product Information

2.7.3 Sea & Land Positive Temperature Coefficient (PTC) Thermistors Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.7.3.1 Sea & Land Positive Temperature Coefficient (PTC) Thermistors Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.7.3.2 Global Sea & Land Positive Temperature Coefficient (PTC) Thermistors Market Share in 2017

2.8 Keter

2.8.1 Business Overview

2.8.1.1 Keter Description

2.8.1.2 Keter Headquarter, Main Business and Finance Overview

2.8.2 Keter Positive Temperature Coefficient (PTC) Thermistors Product Introduction

2.8.2.1 Positive Temperature Coefficient (PTC) Thermistors Production Bases, Sales Regions and Major Competitors

2.8.2.2 Positive Temperature Coefficient (PTC) Thermistors Product Information

2.8.3 Keter Positive Temperature Coefficient (PTC) Thermistors Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.8.3.1 Keter Positive Temperature Coefficient (PTC) Thermistors Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.8.3.2 Global Keter Positive Temperature Coefficient (PTC) Thermistors Market Share in 2017

2.9 Hollyland

2.9.1 Business Overview

2.9.1.1 Hollyland Description

2.9.1.2 Hollyland Headquarter, Main Business and Finance Overview

2.9.2 Hollyland Positive Temperature Coefficient (PTC) Thermistors Product Introduction

2.9.2.1 Positive Temperature Coefficient (PTC) Thermistors Production Bases, Sales Regions and Major Competitors

2.9.2.2 Positive Temperature Coefficient (PTC) Thermistors Product Information

2.9.3 Hollyland Positive Temperature Coefficient (PTC) Thermistors Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.9.3.1 Hollyland Positive Temperature Coefficient (PTC) Thermistors Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.9.3.2 Global Hollyland Positive Temperature Coefficient (PTC) Thermistors Market Share in 2017

2.10 TDK (EPCOS)

2.10.1 Business Overview

2.10.1.1 TDK (EPCOS) Description

2.10.1.2 TDK (EPCOS) Headquarter, Main Business and Finance Overview

2.10.2 TDK (EPCOS) Positive Temperature Coefficient (PTC) Thermistors Product Introduction

2.10.2.1 Positive Temperature Coefficient (PTC) Thermistors Production Bases, Sales Regions and Major Competitors

2.10.2.2 Positive Temperature Coefficient (PTC) Thermistors Product Information

2.10.3 TDK (EPCOS) Positive Temperature Coefficient (PTC) Thermistors Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.10.3.1 TDK (EPCOS) Positive Temperature Coefficient (PTC) Thermistors Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.10.3.2 Global TDK (EPCOS) Positive Temperature Coefficient (PTC) Thermistors

Market Share in 2017

2.11 VISHAY

2.11.1 Business Overview

2.11.2 VISHAY Positive Temperature Coefficient (PTC) Thermistors Product

Introduction

2.11.3 VISHAY Positive Temperature Coefficient (PTC) Thermistors Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.12 Amphenol (GE SENSING)

2.12.1 Business Overview

2.12.2 Amphenol (GE SENSING) Positive Temperature Coefficient (PTC) Thermistors Product Introduction

2.12.3 Amphenol (GE SENSING) Positive Temperature Coefficient (PTC) Thermistors Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.13 Jinke

2.13.1 Business Overview

2.13.2 Jinke Positive Temperature Coefficient (PTC) Thermistors Product Introduction

2.13.3 Jinke Positive Temperature Coefficient (PTC) Thermistors Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.14 MURATA

2.14.1 Business Overview

2.14.2 MURATA Positive Temperature Coefficient (PTC) Thermistors Product

Introduction

2.14.3 MURATA Positive Temperature Coefficient (PTC) Thermistors Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.15 Thinking

2.15.1 Business Overview

2.15.2 Thinking Positive Temperature Coefficient (PTC) Thermistors Product

Introduction

2.15.3 Thinking Positive Temperature Coefficient (PTC) Thermistors Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.16 Uppermost

2.16.1 Business Overview

2.16.2 Uppermost Positive Temperature Coefficient (PTC) Thermistors Product

Introduction

2.16.3 Uppermost Positive Temperature Coefficient (PTC) Thermistors Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.17 HIEL

2.17.1 Business Overview

2.17.2 HIEL Positive Temperature Coefficient (PTC) Thermistors Product Introduction

2.17.3 HIEL Positive Temperature Coefficient (PTC) Thermistors Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.18 HGTECH

2.18.1 Business Overview

2.18.2 HGTECH Positive Temperature Coefficient (PTC) Thermistors Product Introduction

2.18.3 HGTECH Positive Temperature Coefficient (PTC) Thermistors Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.19 Hansor

2.19.1 Business Overview

2.19.2 Hansor Positive Temperature Coefficient (PTC) Thermistors Product Introduction

2.19.3 Hansor Positive Temperature Coefficient (PTC) Thermistors Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

3 GLOBAL POSITIVE TEMPERATURE COEFFICIENT (PTC) THERMISTORS MARKET COMPETITION, BY MANUFACTURER

3.1 Global Positive Temperature Coefficient (PTC) Thermistors Sales and Market Share by Manufacturer (2016-2017)

3.2 Global Positive Temperature Coefficient (PTC) Thermistors Revenue and Market Share by Manufacturer (2016-2017)

3.3 Global Positive Temperature Coefficient (PTC) Thermistors Price by Manufacturer (2016-2017)

3.4 Market Concentration Rate

3.4.1 Top 3 Positive Temperature Coefficient (PTC) Thermistors Manufacturer Market Share in 2017

3.4.2 Top 5 Positive Temperature Coefficient (PTC) Thermistors Manufacturer Market Share in 2017

3.5 Market Competition Trend

4 GLOBAL POSITIVE TEMPERATURE COEFFICIENT (PTC) THERMISTORS MARKET ANALYSIS BY REGIONS

4.1 Global Positive Temperature Coefficient (PTC) Thermistors Sales, Revenue and Market Share by Regions

4.1.1 Global Positive Temperature Coefficient (PTC) Thermistors Sales by Regions (2013-2018)

4.1.2 Global Positive Temperature Coefficient (PTC) Thermistors Revenue by Regions

(2013-2018)

4.2 North America Positive Temperature Coefficient (PTC) Thermistors Sales, Revenue and Growth Rate (2013-2018)

4.3 Europe Positive Temperature Coefficient (PTC) Thermistors Sales, Revenue and Growth Rate (2013-2018)

4.4 Asia-Pacific Positive Temperature Coefficient (PTC) Thermistors Sales, Revenue and Growth Rate (2013-2018)

4.5 South America Positive Temperature Coefficient (PTC) Thermistors Sales, Revenue and Growth Rate (2013-2018)

4.6 Middle East and Africa Positive Temperature Coefficient (PTC) Thermistors Sales, Revenue and Growth Rate (2013-2018)

5 NORTH AMERICA POSITIVE TEMPERATURE COEFFICIENT (PTC) THERMISTORS BY COUNTRIES, TYPE, APPLICATION AND MANUFACTURERS

5.1 North America Positive Temperature Coefficient (PTC) Thermistors Sales, Revenue and Market Share by Countries

5.1.1 North America Positive Temperature Coefficient (PTC) Thermistors Sales by Countries (2013-2018)

5.1.2 North America Positive Temperature Coefficient (PTC) Thermistors Revenue by Countries (2013-2018)

5.1.3 United States Positive Temperature Coefficient (PTC) Thermistors Sales and Growth Rate (2013-2018)

5.1.4 Canada Positive Temperature Coefficient (PTC) Thermistors Sales and Growth Rate (2013-2018)

5.1.5 Mexico Positive Temperature Coefficient (PTC) Thermistors Sales and Growth Rate (2013-2018)

5.2 North America Positive Temperature Coefficient (PTC) Thermistors Sales and Revenue (Value) by Manufacturers (2016-2017)

5.2.1 North America Positive Temperature Coefficient (PTC) Thermistors Sales by Manufacturers (2016-2017)

5.2.2 North America Positive Temperature Coefficient (PTC) Thermistors Revenue by Manufacturers (2016-2017)

5.3 North America Positive Temperature Coefficient (PTC) Thermistors Sales, Revenue and Market Share by Type (2013-2018)

5.3.1 North America Positive Temperature Coefficient (PTC) Thermistors Sales and Sales Share by Type (2013-2018)

5.3.2 North America Positive Temperature Coefficient (PTC) Thermistors Revenue and Revenue Share by Type (2013-2018)

5.4 North America Positive Temperature Coefficient (PTC) Thermistors Sales, Revenue and Market Share by Application (2013-2018)

5.4.1 North America Positive Temperature Coefficient (PTC) Thermistors Sales and Sales Share by Application (2013-2018)

5.4.2 North America Positive Temperature Coefficient (PTC) Thermistors Revenue and Revenue Share by Application (2013-2018)

6 EUROPE POSITIVE TEMPERATURE COEFFICIENT (PTC) THERMISTORS BY COUNTRIES, TYPE, APPLICATION AND MANUFACTURERS

6.1 Europe Positive Temperature Coefficient (PTC) Thermistors Sales, Revenue and Market Share by Countries

6.1.1 Europe Positive Temperature Coefficient (PTC) Thermistors Sales by Countries (2013-2018)

6.1.2 Europe Positive Temperature Coefficient (PTC) Thermistors Revenue by Countries (2013-2018)

6.1.3 Germany Positive Temperature Coefficient (PTC) Thermistors Sales and Growth Rate (2013-2018)

6.1.4 UK Positive Temperature Coefficient (PTC) Thermistors Sales and Growth Rate (2013-2018)

6.1.5 France Positive Temperature Coefficient (PTC) Thermistors Sales and Growth Rate (2013-2018)

6.1.6 Russia Positive Temperature Coefficient (PTC) Thermistors Sales and Growth Rate (2013-2018)

6.1.7 Italy Positive Temperature Coefficient (PTC) Thermistors Sales and Growth Rate (2013-2018)

6.2 Europe Positive Temperature Coefficient (PTC) Thermistors Sales and Revenue (Value) by Manufacturers (2016-2017)

6.2.1 Europe Positive Temperature Coefficient (PTC) Thermistors Sales by Manufacturers (2016-2017)

6.2.2 Europe Positive Temperature Coefficient (PTC) Thermistors Revenue by Manufacturers (2016-2017)

6.3 Europe Positive Temperature Coefficient (PTC) Thermistors Sales, Revenue and Market Share by Type (2013-2018)

6.3.1 Europe Positive Temperature Coefficient (PTC) Thermistors Sales and Sales Share by Type (2013-2018)

6.3.2 Europe Positive Temperature Coefficient (PTC) Thermistors Revenue and Revenue Share by Type (2013-2018)

6.4 Europe Positive Temperature Coefficient (PTC) Thermistors Sales, Revenue and

Market Share by Application (2013-2018)

6.4.1 Europe Positive Temperature Coefficient (PTC) Thermistors Sales and Sales Share by Application (2013-2018)

6.4.2 Europe Positive Temperature Coefficient (PTC) Thermistors Revenue and Revenue Share by Application (2013-2018)

7 ASIA-PACIFIC POSITIVE TEMPERATURE COEFFICIENT (PTC) THERMISTORS BY COUNTRIES, TYPE, APPLICATION AND MANUFACTURERS

7.1 Asia-Pacific Positive Temperature Coefficient (PTC) Thermistors Sales, Revenue and Market Share by Countries

7.1.1 Asia-Pacific Positive Temperature Coefficient (PTC) Thermistors Sales by Countries (2013-2018)

7.1.2 Asia-Pacific Positive Temperature Coefficient (PTC) Thermistors Revenue by Countries (2013-2018)

7.1.3 China Positive Temperature Coefficient (PTC) Thermistors Sales and Growth Rate (2013-2018)

7.1.4 Japan Positive Temperature Coefficient (PTC) Thermistors Sales and Growth Rate (2013-2018)

7.1.5 Korea Positive Temperature Coefficient (PTC) Thermistors Sales and Growth Rate (2013-2018)

7.1.6 India Positive Temperature Coefficient (PTC) Thermistors Sales and Growth Rate (2013-2018)

7.1.7 Southeast Asia Positive Temperature Coefficient (PTC) Thermistors Sales and Growth Rate (2013-2018)

7.2 Asia-Pacific Positive Temperature Coefficient (PTC) Thermistors Sales and Revenue (Value) by Manufacturers (2016-2017)

7.2.1 Asia-Pacific Positive Temperature Coefficient (PTC) Thermistors Sales by Manufacturers (2016-2017)

7.2.2 Asia-Pacific Positive Temperature Coefficient (PTC) Thermistors Revenue by Manufacturers (2016-2017)

7.3 Asia-Pacific Positive Temperature Coefficient (PTC) Thermistors Sales, Revenue and Market Share by Type (2013-2018)

7.3.1 Asia-Pacific Positive Temperature Coefficient (PTC) Thermistors Sales and Sales Share by Type (2013-2018)

7.3.2 Asia-Pacific Positive Temperature Coefficient (PTC) Thermistors Revenue and Revenue Share by Type (2013-2018)

7.4 Asia-Pacific Positive Temperature Coefficient (PTC) Thermistors Sales, Revenue and Market Share by Application (2013-2018)

7.4.1 Asia-Pacific Positive Temperature Coefficient (PTC) Thermistors Sales and Sales Share by Application (2013-2018)

7.4.2 Asia-Pacific Positive Temperature Coefficient (PTC) Thermistors Revenue and Revenue Share by Application (2013-2018)

8 SOUTH AMERICA POSITIVE TEMPERATURE COEFFICIENT (PTC) THERMISTORS BY COUNTRIES, TYPE, APPLICATION AND MANUFACTURERS

8.1 South America Positive Temperature Coefficient (PTC) Thermistors Sales, Revenue and Market Share by Countries

8.1.1 South America Positive Temperature Coefficient (PTC) Thermistors Sales by Countries (2013-2018)

8.1.2 South America Positive Temperature Coefficient (PTC) Thermistors Revenue by Countries (2013-2018)

8.1.3 Brazil Positive Temperature Coefficient (PTC) Thermistors Sales and Growth Rate (2013-2018)

8.1.4 Argentina Positive Temperature Coefficient (PTC) Thermistors Sales and Growth Rate (2013-2018)

8.1.5 Colombia Positive Temperature Coefficient (PTC) Thermistors Sales and Growth Rate (2013-2018)

8.2 South America Positive Temperature Coefficient (PTC) Thermistors Sales and Revenue (Value) by Manufacturers (2016-2017)

8.2.1 South America Positive Temperature Coefficient (PTC) Thermistors Sales by Manufacturers (2016-2017)

8.2.2 South America Positive Temperature Coefficient (PTC) Thermistors Revenue by Manufacturers (2016-2017)

8.3 South America Positive Temperature Coefficient (PTC) Thermistors Sales, Revenue and Market Share by Type (2013-2018)

8.3.1 South America Positive Temperature Coefficient (PTC) Thermistors Sales and Sales Share by Type (2013-2018)

8.3.2 South America Positive Temperature Coefficient (PTC) Thermistors Revenue and Revenue Share by Type (2013-2018)

8.4 South America Positive Temperature Coefficient (PTC) Thermistors Sales, Revenue and Market Share by Application (2013-2018)

8.4.1 South America Positive Temperature Coefficient (PTC) Thermistors Sales and Sales Share by Application (2013-2018)

8.4.2 South America Positive Temperature Coefficient (PTC) Thermistors Revenue and Revenue Share by Application (2013-2018)

9 MIDDLE EAST AND AFRICA POSITIVE TEMPERATURE COEFFICIENT (PTC) THERMISTORS BY COUNTRIES, TYPE, APPLICATION AND MANUFACTURERS

9.1 Middle East and Africa Positive Temperature Coefficient (PTC) Thermistors Sales, Revenue and Market Share by Countries

9.1.1 Middle East and Africa Positive Temperature Coefficient (PTC) Thermistors Sales by Countries (2013-2018)

9.1.2 Middle East and Africa Positive Temperature Coefficient (PTC) Thermistors Revenue by Countries (2013-2018)

9.1.3 Saudi Arabia Positive Temperature Coefficient (PTC) Thermistors Sales and Growth Rate (2013-2018)

9.1.4 UAE Positive Temperature Coefficient (PTC) Thermistors Sales and Growth Rate (2013-2018)

9.1.5 Egypt Positive Temperature Coefficient (PTC) Thermistors Sales and Growth Rate (2013-2018)

9.1.6 Nigeria Positive Temperature Coefficient (PTC) Thermistors Sales and Growth Rate (2013-2018)

9.1.7 South Africa Positive Temperature Coefficient (PTC) Thermistors Sales and Growth Rate (2013-2018)

9.2 Middle East and Africa Positive Temperature Coefficient (PTC) Thermistors Sales and Revenue (Value) by Manufacturers (2016-2017)

9.2.1 Middle East and Africa Positive Temperature Coefficient (PTC) Thermistors Sales by Manufacturers (2016-2017)

9.2.2 Middle East and Africa Positive Temperature Coefficient (PTC) Thermistors Revenue by Manufacturers (2016-2017)

9.3 Middle East and Africa Positive Temperature Coefficient (PTC) Thermistors Sales, Revenue and Market Share by Type (2013-2018)

9.3.1 Middle East and Africa Positive Temperature Coefficient (PTC) Thermistors Sales and Sales Share by Type (2013-2018)

9.3.1 Middle East and Africa Positive Temperature Coefficient (PTC) Thermistors Revenue and Revenue Share by Type (2013-2018)

9.4 Middle East and Africa Positive Temperature Coefficient (PTC) Thermistors Sales, Revenue and Market Share by Application (2013-2018)

9.4.1 Middle East and Africa Positive Temperature Coefficient (PTC) Thermistors Sales and Sales Share by Application (2013-2018)

9.4.2 Middle East and Africa Positive Temperature Coefficient (PTC) Thermistors Revenue and Revenue Share by Application (2013-2018)

10 GLOBAL POSITIVE TEMPERATURE COEFFICIENT (PTC) THERMISTORS

Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa) Positive Temperature Coeff...

MARKET SEGMENT BY TYPE

10.1 Global Positive Temperature Coefficient (PTC) Thermistors Sales, Revenue and Market Share by Type (2013-2018)

10.1.1 Global Positive Temperature Coefficient (PTC) Thermistors Sales and Market Share by Type (2013-2018)

10.1.2 Global Positive Temperature Coefficient (PTC) Thermistors Revenue and Market Share by Type (2013-2018)

10.2 Ceramic PTC (Barium Titanate) Sales Growth and Price

10.2.1 Global Ceramic PTC (Barium Titanate) Sales Growth (2013-2018)

10.2.2 Global Ceramic PTC (Barium Titanate) Price (2013-2018)

10.3 Polymer PTC (Carbon Doped Polymer) Sales Growth and Price

10.3.1 Global Polymer PTC (Carbon Doped Polymer) Sales Growth (2013-2018)

10.3.2 Global Polymer PTC (Carbon Doped Polymer) Price (2013-2018)

11 GLOBAL POSITIVE TEMPERATURE COEFFICIENT (PTC) THERMISTORS MARKET SEGMENT BY APPLICATION

11.1 Global Positive Temperature Coefficient (PTC) Thermistors Sales Market Share by Application (2013-2018)

11.2 Computers/Peripherals Sales Growth (2013-2018)

11.3 Telecom/Datacom Infrastructure Sales Growth (2013-2018)

11.4 Consumer A/V Equipment Sales Growth (2013-2018)

11.5 Rechargeable Battery Sales Growth (2013-2018)

11.6 Medical Electronics Sales Growth (2013-2018)

11.7 Automotive Electronics Sales Growth (2013-2018)

11.8 Power Supplies/DC Converters Sales Growth (2013-2018)

11.9 Lighting/Ballasts Sales Growth (2013-2018)

11.10 Home Appliance Sales Growth (2013-2018)

11.11 Other Line Voltage Sales Growth (2013-2018)

12 POSITIVE TEMPERATURE COEFFICIENT (PTC) THERMISTORS MARKET FORECAST (2018-2023)

12.1 Global Positive Temperature Coefficient (PTC) Thermistors Sales, Revenue and Growth Rate (2018-2023)

12.2 Positive Temperature Coefficient (PTC) Thermistors Market Forecast by Regions (2018-2023)

12.2.1 North America Positive Temperature Coefficient (PTC) Thermistors Market

Forecast (2018-2023)

12.2.2 Europe Positive Temperature Coefficient (PTC) Thermistors Market Forecast (2018-2023)

12.2.3 Asia-Pacific Positive Temperature Coefficient (PTC) Thermistors Market Forecast (2018-2023)

12.2.4 South America Positive Temperature Coefficient (PTC) Thermistors Market Forecast (2018-2023)

12.2.5 Middle East and Africa Positive Temperature Coefficient (PTC) Thermistors Market Forecast (2018-2023)

12.3 Positive Temperature Coefficient (PTC) Thermistors Market Forecast by Type (2018-2023)

12.3.1 Global Positive Temperature Coefficient (PTC) Thermistors Sales Forecast by Type (2018-2023)

12.3.2 Global Positive Temperature Coefficient (PTC) Thermistors Market Share Forecast by Type (2018-2023)

12.4 Positive Temperature Coefficient (PTC) Thermistors Market Forecast by Application (2018-2023)

12.4.1 Global Positive Temperature Coefficient (PTC) Thermistors Sales Forecast by Application (2018-2023)

12.4.2 Global Positive Temperature Coefficient (PTC) Thermistors Market Share Forecast by Application (2018-2023)

13 SALES CHANNEL, DISTRIBUTORS, TRADERS AND DEALERS

13.1 Sales Channel

13.1.1 Direct Marketing

13.1.2 Indirect Marketing

13.1.3 Marketing Channel Future Trend

13.2 Distributors, Traders and Dealers

14 RESEARCH FINDINGS AND CONCLUSION

15 APPENDIX

15.1 Methodology

15.2 Data Source

List Of Tables

LIST OF TABLES AND FIGURES

Figure Positive Temperature Coefficient (PTC) Thermistors Picture

Table Product Specifications of Positive Temperature Coefficient (PTC) Thermistors

Figure Global Positive Temperature Coefficient (PTC) Thermistors CAGR (%), Y-o-Y Growth (&) and Market Size, 2013-2023 (USD Million)

Figure Global Positive Temperature Coefficient (PTC) Thermistors CAGR (%), Y-o-Y Growth (&) and Market Size, 2013-2023 (Sales)

Figure Global Sales Market Share of Positive Temperature Coefficient (PTC) Thermistors by Types in 2017

Figure Ceramic PTC (Barium Titanate) Picture

Table Major Manufacturers of Ceramic PTC (Barium Titanate)

Figure Polymer PTC (Carbon Doped Polymer) Picture

Table Major Manufacturers of Polymer PTC (Carbon Doped Polymer)

Figure Positive Temperature Coefficient (PTC) Thermistors Sales Market Share by Applications in 2017

Figure Computers/Peripherals Picture

Figure Telecom/Datacom Infrastructure Picture

Figure Consumer A/V Equipment Picture

Figure Rechargeable Battery Picture

Figure Medical Electronics Picture

Figure Automotive Electronics Picture

Figure Power Supplies/DC Converters Picture

Figure Lighting/Ballasts Picture

Figure Home Appliance Picture

Figure Other Line Voltage Picture

Figure United States Positive Temperature Coefficient (PTC) Thermistors Revenue (Value) and Growth Rate (2013-2023)

Figure Canada Positive Temperature Coefficient (PTC) Thermistors Revenue (Value) and Growth Rate (2013-2023)

Figure Mexico Positive Temperature Coefficient (PTC) Thermistors Revenue (Value) and Growth Rate (2013-2023)

Figure Germany Positive Temperature Coefficient (PTC) Thermistors Revenue (Value) and Growth Rate (2013-2023)

Figure France Positive Temperature Coefficient (PTC) Thermistors Revenue (Value) and Growth Rate (2013-2023)

Figure UK Positive Temperature Coefficient (PTC) Thermistors Revenue (Value) and

Growth Rate (2013-2023)

Figure Russia Positive Temperature Coefficient (PTC) Thermistors Revenue (Value) and Growth Rate (2013-2023)

Figure Italy Positive Temperature Coefficient (PTC) Thermistors Revenue (Value) and Growth Rate (2013-2023)

Figure China Positive Temperature Coefficient (PTC) Thermistors Revenue (Value) and Growth Rate (2013-2023)

Figure Japan Positive Temperature Coefficient (PTC) Thermistors Revenue (Value) and Growth Rate (2013-2023)

Figure Korea Positive Temperature Coefficient (PTC) Thermistors Revenue (Value) and Growth Rate (2013-2023)

Figure India Positive Temperature Coefficient (PTC) Thermistors Revenue (Value) and Growth Rate (2013-2023)

Figure Southeast Asia Positive Temperature Coefficient (PTC) Thermistors Revenue (Value) and Growth Rate (2013-2023)

Figure Brazil Positive Temperature Coefficient (PTC) Thermistors Revenue (Value) and Growth Rate (2013-2023)

Figure Egypt Positive Temperature Coefficient (PTC) Thermistors Revenue (Value) and Growth Rate (2013-2023)

Figure Saudi Arabia Positive Temperature Coefficient (PTC) Thermistors Revenue (Value) and Growth Rate (2013-2023)

Figure South Africa Positive Temperature Coefficient (PTC) Thermistors Revenue (Value) and Growth Rate (2013-2023)

Figure Nigeria Positive Temperature Coefficient (PTC) Thermistors Revenue (Value) and Growth Rate (2013-2023)

Table TE Headquarter, Established, Main Business and Finance Overview (2017)

Table TE Positive Temperature Coefficient (PTC) Thermistors Production Bases, Sales Regions and Major Competitors

Table TE Positive Temperature Coefficient (PTC) Thermistors Product

Table TE Positive Temperature Coefficient (PTC) Thermistors Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global TE Positive Temperature Coefficient (PTC) Thermistors Sales Market Share in 2017

Figure Global TE Positive Temperature Coefficient (PTC) Thermistors Revenue Market Share in 2017

Table Polytronics Headquarter, Established, Main Business and Finance Overview (2017)

Table Polytronics Positive Temperature Coefficient (PTC) Thermistors Production Bases, Sales Regions and Major Competitors

Table Polytronics Positive Temperature Coefficient (PTC) Thermistors Product

Table Polytronics Positive Temperature Coefficient (PTC) Thermistors Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global Polytronics Positive Temperature Coefficient (PTC) Thermistors Sales Market Share in 2017

Figure Global Polytronics Positive Temperature Coefficient (PTC) Thermistors Revenue Market Share in 2017

Table CYG Wayon Headquarter, Established, Main Business and Finance Overview (2017)

Table CYG Wayon Positive Temperature Coefficient (PTC) Thermistors Production Bases, Sales Regions and Major Competitors

Table CYG Wayon Positive Temperature Coefficient (PTC) Thermistors Product

Table CYG Wayon Positive Temperature Coefficient (PTC) Thermistors Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global CYG Wayon Positive Temperature Coefficient (PTC) Thermistors Sales Market Share in 2017

Figure Global CYG Wayon Positive Temperature Coefficient (PTC) Thermistors Revenue Market Share in 2017

Table Littelfuse Headquarter, Established, Main Business and Finance Overview (2017)

Table Littelfuse Positive Temperature Coefficient (PTC) Thermistors Production Bases, Sales Regions and Major Competitors

Table Littelfuse Positive Temperature Coefficient (PTC) Thermistors Product

Table Littelfuse Positive Temperature Coefficient (PTC) Thermistors Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global Littelfuse Positive Temperature Coefficient (PTC) Thermistors Sales Market Share in 2017

Figure Global Littelfuse Positive Temperature Coefficient (PTC) Thermistors Revenue Market Share in 2017

Table Bourns Headquarter, Established, Main Business and Finance Overview (2017)

Table Bourns Positive Temperature Coefficient (PTC) Thermistors Production Bases, Sales Regions and Major Competitors

Table Bourns Positive Temperature Coefficient (PTC) Thermistors Product

Table Bourns Positive Temperature Coefficient (PTC) Thermistors Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global Bourns Positive Temperature Coefficient (PTC) Thermistors Sales Market Share in 2017

Figure Global Bourns Positive Temperature Coefficient (PTC) Thermistors Revenue Market Share in 2017

Table Fuzetec Headquarter, Established, Main Business and Finance Overview (2017)

Table Fuzetec Positive Temperature Coefficient (PTC) Thermistors Production Bases, Sales Regions and Major Competitors

Table Fuzetec Positive Temperature Coefficient (PTC) Thermistors Product

Table Fuzetec Positive Temperature Coefficient (PTC) Thermistors Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global Fuzetec Positive Temperature Coefficient (PTC) Thermistors Sales Market Share in 2017

Figure Global Fuzetec Positive Temperature Coefficient (PTC) Thermistors Revenue Market Share in 2017

Table Sea & Land Headquarter, Established, Main Business and Finance Overview (2017)

Table Sea & Land Positive Temperature Coefficient (PTC) Thermistors Production Bases, Sales Regions and Major Competitors

Table Sea & Land Positive Temperature Coefficient (PTC) Thermistors Product

Table Sea & Land Positive Temperature Coefficient (PTC) Thermistors Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global Sea & Land Positive Temperature Coefficient (PTC) Thermistors Sales Market Share in 2017

Figure Global Sea & Land Positive Temperature Coefficient (PTC) Thermistors Revenue Market Share in 2017

Table Keter Headquarter, Established, Main Business and Finance Overview (2017)

Table Keter Positive Temperature Coefficient (PTC) Thermistors Production Bases, Sales Regions and Major Competitors

Table Keter Positive Temperature Coefficient (PTC) Thermistors Product

Table Keter Positive Temperature Coefficient (PTC) Thermistors Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global Keter Positive Temperature Coefficient (PTC) Thermistors Sales Market Share in 2017

Figure Global Keter Positive Temperature Coefficient (PTC) Thermistors Revenue Market Share in 2017

Table Hollyland Headquarter, Established, Main Business and Finance Overview (2017)

Table Hollyland Positive Temperature Coefficient (PTC) Thermistors Production Bases, Sales Regions and Major Competitors

Table Hollyland Positive Temperature Coefficient (PTC) Thermistors Product

Table Hollyland Positive Temperature Coefficient (PTC) Thermistors Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global Hollyland Positive Temperature Coefficient (PTC) Thermistors Sales Market Share in 2017

Figure Global Hollyland Positive Temperature Coefficient (PTC) Thermistors Revenue

Market Share in 2017

Table TDK (EPCOS) Headquarter, Established, Main Business and Finance Overview (2017)

Table TDK (EPCOS) Positive Temperature Coefficient (PTC) Thermistors Production Bases, Sales Regions and Major Competitors

Table TDK (EPCOS) Positive Temperature Coefficient (PTC) Thermistors Product

Table TDK (EPCOS) Positive Temperature Coefficient (PTC) Thermistors Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global TDK (EPCOS) Positive Temperature Coefficient (PTC) Thermistors Sales Market Share in 2017

Figure Global TDK (EPCOS) Positive Temperature Coefficient (PTC) Thermistors Revenue Market Share in 2017

Table VISHAY

Table VISHAY Positive Temperature Coefficient (PTC) Thermistors

Table Amphenol (GE SENSING)

Table Amphenol (GE SENSING) Positive Temperature Coefficient (PTC) Thermistors

Table Jinke

Table Jinke Positive Temperature Coefficient (PTC) Thermistors

Table MURATA

Table MURATA Positive Temperature Coefficient (PTC) Thermistors

Table Thinking

Table Thinking Positive Temperature Coefficient (PTC) Thermistors

Table Uppermost

Table Uppermost Positive Temperature Coefficient (PTC) Thermistors

Table HIEL

Table HIEL Positive Temperature Coefficient (PTC) Thermistors

Table HGTECH

Table HGTECH Positive Temperature Coefficient (PTC) Thermistors

Table Hansor

Table Hansor Positive Temperature Coefficient (PTC) Thermistors

Table Global Positive Temperature Coefficient (PTC) Thermistors Sales by Manufacturer (2016-2017)

Figure Global Positive Temperature Coefficient (PTC) Thermistors Sales Market Share by Manufacturer in 2016

Figure Global Positive Temperature Coefficient (PTC) Thermistors Sales Market Share by Manufacturer in 2017

Table Global Positive Temperature Coefficient (PTC) Thermistors Revenue by Manufacturer (2016-2017)

Figure Global Positive Temperature Coefficient (PTC) Thermistors Revenue Market

Share by Manufacturer in 2016

Figure Global Positive Temperature Coefficient (PTC) Thermistors Revenue Market

Share by Manufacturer in 2017

Table Global Positive Temperature Coefficient (PTC) Thermistors Price by
Manufacturer (2016-2017)

Figure Top 3 Positive Temperature Coefficient (PTC) Thermistors Manufacturer
(Revenue) Market Share in 2017

Figure Top 6 Positive Temperature Coefficient (PTC) Thermistors Manufacturer
(Revenue) Market Share in 2017

Figure Global Positive Temperature Coefficient (PTC) Thermistors Sales and Growth
Rate (2013-2018)

Figure Global Positive Temperature Coefficient (PTC) Thermistors Revenue and
Growth Rate (2013-2018)

Table Global Positive Temperature Coefficient (PTC) Thermistors Sales by Regions
(2013-2018)

Table Global Positive Temperature Coefficient (PTC) Thermistors Sales Market Share
by Regions (2013-2018)

Table Global Positive Temperature Coefficient (PTC) Thermistors Revenue by Regions
(2013-2018)

Figure Global Positive Temperature Coefficient (PTC) Thermistors Revenue Market
Share by Regions in 2013

Figure Global Positive Temperature Coefficient (PTC) Thermistors Revenue Market
Share by Regions in 2017

Figure North America Positive Temperature Coefficient (PTC) Thermistors Sales and
Growth Rate (2013-2018)

Figure North America Positive Temperature Coefficient (PTC) Thermistors Revenue
and Growth Rate (2013-2018)

Figure Europe Positive Temperature Coefficient (PTC) Thermistors Sales and Growth
Rate (2013-2018)

Figure Europe Positive Temperature Coefficient (PTC) Thermistors Revenue and
Growth Rate (2013-2018)

Figure Asia-Pacific Positive Temperature Coefficient (PTC) Thermistors Sales and
Growth Rate (2013-2018)

Figure Asia-Pacific Positive Temperature Coefficient (PTC) Thermistors Revenue and
Growth Rate (2013-2018)

Figure South America Positive Temperature Coefficient (PTC) Thermistors Sales and
Growth Rate (2013-2018)

Figure South America Positive Temperature Coefficient (PTC) Thermistors Revenue
and Growth Rate (2013-2018)

Figure Middle East and Africa Positive Temperature Coefficient (PTC) Thermistors Sales and Growth Rate (2013-2018)

Figure Middle East and Africa Positive Temperature Coefficient (PTC) Thermistors Revenue and Growth Rate (2013-2018)

Figure North America Positive Temperature Coefficient (PTC) Thermistors Revenue and Growth Rate (2013-2018)

Table North America Positive Temperature Coefficient (PTC) Thermistors Sales by Countries (2013-2018)

Table North America Positive Temperature Coefficient (PTC) Thermistors Sales Market Share by Countries (2013-2018)

Figure North America Positive Temperature Coefficient (PTC) Thermistors Sales Market Share by Countries in 2013

Figure North America Positive Temperature Coefficient (PTC) Thermistors Sales Market Share by Countries in 2017

Table North America Positive Temperature Coefficient (PTC) Thermistors Revenue by Countries (2013-2018)

Table North America Positive Temperature Coefficient (PTC) Thermistors Revenue Market Share by Countries (2013-2018)

Figure North America Positive Temperature Coefficient (PTC) Thermistors Revenue Market Share by Countries in 2013

Figure North America Positive Temperature Coefficient (PTC) Thermistors Revenue Market Share by Countries in 2017

Figure United States Positive Temperature Coefficient (PTC) Thermistors Sales and Growth Rate (2013-2018)

Figure Canada Positive Temperature Coefficient (PTC) Thermistors Sales and Growth Rate (2013-2018)

Figure Mexico Positive Temperature Coefficient (PTC) Thermistors Sales and Growth Rate (2013-2018)

Table North America Positive Temperature Coefficient (PTC) Thermistors Sales by Manufacturer (2016-2017)

Figure North America Positive Temperature Coefficient (PTC) Thermistors Sales Market Share by Manufacturer in 2016

Figure North America Positive Temperature Coefficient (PTC) Thermistors Sales Market Share by Manufacturer in 2017

Table North America Positive Temperature Coefficient (PTC) Thermistors Revenue by Manufacturer (2016-2017)

Figure North America Positive Temperature Coefficient (PTC) Thermistors Revenue Market Share by Manufacturer in 2016

Figure North America Positive Temperature Coefficient (PTC) Thermistors Revenue

Market Share by Manufacturer in 2017

Table North America Positive Temperature Coefficient (PTC) Thermistors Sales by Type (2013-2018)

Table North America Positive Temperature Coefficient (PTC) Thermistors Sales Share by Type (2013-2018)

Table North America Positive Temperature Coefficient (PTC) Thermistors Revenue by Type (2013-2018)

Table North America Positive Temperature Coefficient (PTC) Thermistors Revenue Share by Type (2013-2018)

Table North America Positive Temperature Coefficient (PTC) Thermistors Sales by Application (2013-2018)

Table North America Positive Temperature Coefficient (PTC) Thermistors Sales Share by Application (2013-2018)

Table North America Positive Temperature Coefficient (PTC) Thermistors Revenue by Application (2013-2018)

Table North America Positive Temperature Coefficient (PTC) Thermistors Revenue Share by Application (2013-2018)

Figure Europe Positive Temperature Coefficient (PTC) Thermistors Revenue and Growth Rate (2013-2018)

Table Europe Positive Temperature Coefficient (PTC) Thermistors Sales by Countries (2013-2018)

Table Europe Positive Temperature Coefficient (PTC) Thermistors Sales Market Share by Countries (2013-2018)

Table Europe Positive Temperature Coefficient (PTC) Thermistors Revenue by Countries (2013-2018)

Figure Europe Positive Temperature Coefficient (PTC) Thermistors Revenue Market Share by Countries in 2016

Figure Europe Positive Temperature Coefficient (PTC) Thermistors Revenue Market Share by Countries in 2017

Figure Germany Positive Temperature Coefficient (PTC) Thermistors Sales and Growth Rate (2013-2018)

Figure UK Positive Temperature Coefficient (PTC) Thermistors Sales and Growth Rate (2013-2018)

Figure France Positive Temperature Coefficient (PTC) Thermistors Sales and Growth Rate (2013-2018)

Figure Russia Positive Temperature Coefficient (PTC) Thermistors Sales and Growth Rate (2013-2018)

Figure Italy Positive Temperature Coefficient (PTC) Thermistors Sales and Growth Rate (2013-2018)

Table Europe Positive Temperature Coefficient (PTC) Thermistors Sales by Manufacturer (2016-2017)

Figure Europe Positive Temperature Coefficient (PTC) Thermistors Sales Market Share by Manufacturer in 2016

Figure Europe Positive Temperature Coefficient (PTC) Thermistors Sales Market Share by Manufacturer in 2017

Table Europe Positive Temperature Coefficient (PTC) Thermistors Revenue by Manufacturer (2016-2017)

Figure Europe Positive Temperature Coefficient (PTC) Thermistors Revenue Market Share by Manufacturer in 2016

Figure Europe Positive Temperature Coefficient (PTC) Thermistors Revenue Market Share by Manufacturer in 2017

Table Europe Positive Temperature Coefficient (PTC) Thermistors Sales by Type (2013-2018)

Table Europe Positive Temperature Coefficient (PTC) Thermistors Sales Share by Type (2013-2018)

Table Europe Positive Temperature Coefficient (PTC) Thermistors Revenue by Type (2013-2018)

Table Europe Positive Temperature Coefficient (PTC) Thermistors Revenue Share by Type (2013-2018)

Table Europe Positive Temperature Coefficient (PTC) Thermistors Sales by Application (2013-2018)

Table Europe Positive Temperature Coefficient (PTC) Thermistors Sales Share by Application (2013-2018)

Table Europe Positive Temperature Coefficient (PTC) Thermistors Revenue by Application (2013-2018)

Table Europe Positive Temperature Coefficient (PTC) Thermistors Revenue Share by Application (2013-2018)

Figure Asia-Pacific Positive Temperature Coefficient (PTC) Thermistors Revenue and Growth Rate (2013-2018)

Table Asia-Pacific Positive Temperature Coefficient (PTC) Thermistors Sales by Countries (2013-2018)

Table Asia-Pacific Positive Temperature Coefficient (PTC) Thermistors Sales Market Share by Countries (2013-2018)

Figure Asia-Pacific Positive Temperature Coefficient (PTC) Thermistors Sales Market Share by Countries 2017

Table Asia-Pacific Positive Temperature Coefficient (PTC) Thermistors Revenue by Countries (2013-2018)

Figure Asia-Pacific Positive Temperature Coefficient (PTC) Thermistors Revenue

Market Share by Countries 2017

Figure China Positive Temperature Coefficient (PTC) Thermistors Sales and Growth Rate (2013-2018)

Figure Japan Positive Temperature Coefficient (PTC) Thermistors Sales and Growth Rate (2013-2018)

Figure Korea Positive Temperature Coefficient (PTC) Thermistors Sales and Growth Rate (2013-2018)

Figure India Positive Temperature Coefficient (PTC) Thermistors Sales and Growth Rate (2013-2018)

Figure Southeast Asia Positive Temperature Coefficient (PTC) Thermistors Sales and Growth Rate (2013-2018)

Table Asia-Pacific Positive Temperature Coefficient (PTC) Thermistors Sales by Manufacturer (2016-2017)

Figure Asia-Pacific Positive Temperature Coefficient (PTC) Thermistors Sales Market Share by Manufacturer in 2016

Figure Asia-Pacific Positive Temperature Coefficient (PTC) Thermistors Sales Market Share by Manufacturer in 2017

Table Asia-Pacific Positive Temperature Coefficient (PTC) Thermistors Revenue by Manufacturer (2016-2017)

Figure Asia-Pacific Positive Temperature Coefficient (PTC) Thermistors Revenue Market Share by Manufacturer in 2016

Figure Asia-Pacific Positive Temperature Coefficient (PTC) Thermistors Revenue Market Share by Manufacturer in 2017

Table Asia-Pacific Positive Temperature Coefficient (PTC) Thermistors Sales by Type (2013-2018)

Table Asia-Pacific Positive Temperature Coefficient (PTC) Thermistors Sales Share by Type (2013-2018)

Table Asia-Pacific Positive Temperature Coefficient (PTC) Thermistors Revenue by Type (2013-2018)

Table Asia-Pacific Positive Temperature Coefficient (PTC) Thermistors Revenue Share by Type (2013-2018)

Table Asia-Pacific Positive Temperature Coefficient (PTC) Thermistors Sales by Application (2013-2018)

Table Asia-Pacific Positive Temperature Coefficient (PTC) Thermistors Sales Share by Application (2013-2018)

Table Asia-Pacific Positive Temperature Coefficient (PTC) Thermistors Revenue by Application (2013-2018)

Table Asia-Pacific Positive Temperature Coefficient (PTC) Thermistors Revenue Share by Application (2013-2018)

Figure South America Positive Temperature Coefficient (PTC) Thermistors Revenue and Growth Rate (2013-2018)

Table South America Positive Temperature Coefficient (PTC) Thermistors Sales by Countries (2013-2018)

Table South America Positive Temperature Coefficient (PTC) Thermistors Sales Market Share by Countries (2013-2018)

Figure South America Positive Temperature Coefficient (PTC) Thermistors Sales Market Share by Countries in 2017

Table South America Positive Temperature Coefficient (PTC) Thermistors Revenue by Countries (2013-2018)

Table South America Positive Temperature Coefficient (PTC) Thermistors Revenue Market Share by Countries (2013-2018)

Figure South America Positive Temperature Coefficient (PTC) Thermistors Revenue Market Share by Countries in 2017

Figure Brazil Positive Temperature Coefficient (PTC) Thermistors Sales and Growth Rate (2013-2018)

Figure Argentina Positive Temperature Coefficient (PTC) Thermistors Sales and Growth Rate (2013-2018)

Figure Colombia Positive Temperature Coefficient (PTC) Thermistors Sales and Growth Rate (2013-2018)

Table South America Positive Temperature Coefficient (PTC) Thermistors Sales by Manufacturer (2016-2017)

Figure South America Positive Temperature Coefficient (PTC) Thermistors Sales Market Share by Manufacturer in 2016

Figure South America Positive Temperature Coefficient (PTC) Thermistors Sales Market Share by Manufacturer in 2017

Table South America Positive Temperature Coefficient (PTC) Thermistors Revenue by Manufacturer (2016-2017)

Figure South America Positive Temperature Coefficient (PTC) Thermistors Revenue Market Share by Manufacturer in 2016

Figure South America Positive Temperature Coefficient (PTC) Thermistors Revenue Market Share by Manufacturer in 2017

Table South America Positive Temperature Coefficient (PTC) Thermistors Sales by Type (2013-2018)

Table South America Positive Temperature Coefficient (PTC) Thermistors Sales Share by Type (2013-2018)

Table South America Positive Temperature Coefficient (PTC) Thermistors Revenue by Type (2013-2018)

Table South America Positive Temperature Coefficient (PTC) Thermistors Revenue

Share by Type (2013-2018)

Table South America Positive Temperature Coefficient (PTC) Thermistors Sales by Application (2013-2018)

Table South America Positive Temperature Coefficient (PTC) Thermistors Sales Share by Application (2013-2018)

Table South America Positive Temperature Coefficient (PTC) Thermistors Revenue by Application (2013-2018)

Table South America Positive Temperature Coefficient (PTC) Thermistors Revenue Share by Application (2013-2018)

Figure Middle East and Africa Positive Temperature Coefficient (PTC) Thermistors Revenue and Growth Rate (2013-2018)

Table Middle East and Africa Positive Temperature Coefficient (PTC) Thermistors Sales by Countries (2013-2018)

Table Middle East and Africa Positive Temperature Coefficient (PTC) Thermistors Sales Market Share by Countries (2013-2018)

Figure Middle East and Africa Positive Temperature Coefficient (PTC) Thermistors Sales Market Share by Countries in 2017

Table Middle East and Africa Positive Temperature Coefficient (PTC) Thermistors Revenue by Countries (2013-2018)

Table Middle East and Africa Positive Temperature Coefficient (PTC) Thermistors Revenue Market Share by Countries (2013-2018)

Figure Middle East and Africa Positive Temperature Coefficient (PTC) Thermistors Revenue Market Share by Countries in 2013

Figure Middle East and Africa Positive Temperature Coefficient (PTC) Thermistors Revenue Market Share by Countries in 2017

Figure Saudi Arabia Positive Temperature Coefficient (PTC) Thermistors Sales and Growth Rate (2013-2018)

Figure UAE Positive Temperature Coefficient (PTC) Thermistors Sales and Growth Rate (2013-2018)

Figure Egypt Positive Temperature Coefficient (PTC) Thermistors Sales and Growth Rate (2013-2018)

Figure Nigeria Positive Temperature Coefficient (PTC) Thermistors Sales and Growth Rate (2013-2018)

Figure South Africa Positive Temperature Coefficient (PTC) Thermistors Sales and Growth Rate (2013-2018)

Table Middle East and Africa Positive Temperature Coefficient (PTC) Thermistors Sales by Manufacturer (2016-2017)

Figure Middle East and Africa Positive Temperature Coefficient (PTC) Thermistors Sales Market Share by Manufacturer in 2016

Figure Middle East and Africa Positive Temperature Coefficient (PTC) Thermistors Sales Market Share by Manufacturer in 2017

Table Middle East and Africa Positive Temperature Coefficient (PTC) Thermistors Revenue by Manufacturer (2016-2017)

Figure Middle East and Africa Positive Temperature Coefficient (PTC) Thermistors Revenue Market Share by Manufacturer in 2016

Figure Middle East and Africa Positive Temperature Coefficient (PTC) Thermistors Revenue Market Share by Manufacturer in 2017

Table Middle East and Africa Positive Temperature Coefficient (PTC) Thermistors Sales by Type (2013-2018)

Table Middle East and Africa Positive Temperature Coefficient (PTC) Thermistors Sales Share by Type (2013-2018)

Table Middle East and Africa Positive Temperature Coefficient (PTC) Thermistors Revenue by Type (2013-2018)

Table Middle East and Africa Positive Temperature Coefficient (PTC) Thermistors Revenue Share by Type (2013-2018)

Table Middle East and Africa Positive Temperature Coefficient (PTC) Thermistors Sales by Application (2013-2018)

Table Middle East and Africa Positive Temperature Coefficient (PTC) Thermistors Sales Share by Application (2013-2018)

Table Middle East and Africa Positive Temperature Coefficient (PTC) Thermistors Revenue by Application (2013-2018)

Table Middle East and Africa Positive Temperature Coefficient (PTC) Thermistors Revenue Share by Application (2013-2018)

Table Global Positive Temperature Coefficient (PTC) Thermistors Sales by Type (2013-2018)

Table Global Positive Temperature Coefficient (PTC) Thermistors Sales Share by Type (2013-2018)

Table Global Positive Temperature Coefficient (PTC) Thermistors Revenue by Type (2013-2018)

Table Global Positive Temperature Coefficient (PTC) Thermistors Revenue Share by Type (2013-2018)

Figure Global Ceramic PTC (Barium Titanate) Sales Growth (2013-2018)

Figure Global Ceramic PTC (Barium Titanate) Price (2013-2018)

Figure Global Polymer PTC (Carbon Doped Polymer) Sales Growth (2013-2018)

Figure Global Polymer PTC (Carbon Doped Polymer) Price (2013-2018)

Table Global Positive Temperature Coefficient (PTC) Thermistors Sales by Application (2013-2018)

Table Global Positive Temperature Coefficient (PTC) Thermistors Sales Share by

Application (2013-2018)

Figure Global Computers/Peripherals Sales Growth (2013-2018)

Figure Global Telecom/Datacom Infrastructure Sales Growth (2013-2018)

Figure Global Consumer A/V Equipment Sales Growth (2013-2018)

Figure Global Rechargeable Battery Sales Growth (2013-2018)

Figure Global Medical Electronics Sales Growth (2013-2018)

Figure Global Automotive Electronics Sales Growth (2013-2018)

Figure Global Power Supplies/DC Converters Sales Growth (2013-2018)

Figure Global Lighting/Ballasts Sales Growth (2013-2018)

Figure Global Home Appliance Sales Growth (2013-2018)

Figure Global Other Line Voltage Sales Growth (2013-2018)

Figure Global Positive Temperature Coefficient (PTC) Thermistors Sales, Revenue and Growth Rate (2018-2023)

Table Global Positive Temperature Coefficient (PTC) Thermistors Sales Forecast by Regions (2018-2023)

Table Global Positive Temperature Coefficient (PTC) Thermistors Market Share Forecast by Regions (2018-2023)

Figure North America Sales Positive Temperature Coefficient (PTC) Thermistors Market Forecast (2018-2023)

Figure Europe Sales Positive Temperature Coefficient (PTC) Thermistors Market Forecast (2018-2023)

Figure Asia-Pacific Sales Positive Temperature Coefficient (PTC) Thermistors Market Forecast (2018-2023)

Figure South America Sales Positive Temperature Coefficient (PTC) Thermistors Market Forecast (2018-2023)

Figure Middle East and Africa Sales Positive Temperature Coefficient (PTC) Thermistors Market Forecast (2018-2023)

Table Global Positive Temperature Coefficient (PTC) Thermistors Sales Forecast by Type (2018-2023)

Table Global Positive Temperature Coefficient (PTC) Thermistors Market Share Forecast by Type (2018-2023)

Table Global Positive Temperature Coefficient (PTC) Thermistors Sales Forecast by Application (2018-2023)

Table Global Positive Temperature Coefficient (PTC) Thermistors Market Share Forecast by Application (2018-2023)

Table Distributors/Traders/ Dealers List

I would like to order

Product name: Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa)
Positive Temperature Coefficient (PTC) Thermistors Market 2018, Forecast to 2023

Product link: <https://marketpublishers.com/r/GBEF945D619EN.html>

Price: US\$ 4,880.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GBEF945D619EN.html>